

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10501227
Filing Date	2005-03-07
First Named Inventor	Koichi Saito
Art Unit	1647
Examiner Name	Shulamith H. Shafer
Attorney Docket Number	600630-21US

**U.S. PATENTS**[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S. PATENT APPLICATION PUBLICATIONS**[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SHS/	1	20020129386	A1	2002-09-12	Univ. Hiroshima	

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)**FOREIGN PATENT DOCUMENTS**[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
/SHS/	1	2001-197890	JP	A	2001-07-24	Sumitomo Chemical	Abstract	<input checked="" type="checkbox"/>
↓	2	2000-201688	JP	A	2000-07-25	Sumitomo Chemical	Abstract	<input checked="" type="checkbox"/>
↓	3	2001-352992	JP	A	2001-12-25	Sumitomo Chemical	Abstract	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10501227
Filing Date	2005-03-07
First Named Inventor	Koichi Saito
Art Unit	1647
Examiner Name	Shulamith H. Shafer
Attorney Docket Number	600630-21US

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/SHS/	1	M.B. HAWKINS et al., "Identification of a third distinct estrogen receptor and reclassification of estrogen receptors in teleosts," Proc. Natl. Acad. Sci. USA, Vol. 97, No. 20, pp. 10751-6 (2000)	<input type="checkbox"/>
↓	2	K. TOUHATA et al., "Sequence and Expression of a cDNA Encoding the Red Seabream Estrogen Receptor," Fisheries Sci., Vol 64, No. 1, pp. 131-135 (1998)	<input type="checkbox"/>
↓	3	X. CHANG et al., "Molecular Cloning of Estrogen Receptors alpha and beta in the Ovary of a Teleost Fish, the Tilapia (Oreochromis niloticus)," Zoological Sci., Vol. 16, pp. 653-658 (1999)	<input type="checkbox"/>
↓	4	N.S. TAN et al., "Transcription regulatory signals in the 5' and 3' regions of Oreochromis aureus ER gene," Mol. & Cell Endocrinol., Vol. 123, pp. 149-61 (1996)	<input type="checkbox"/>
↓	5	T. TODO et al., "Molecular cloning and characterization of Japanese eel estrogen receptor cDNA," Mol. & Cell Endocrinol., Vol. 119, pp. 37-45 (1996)	<input type="checkbox"/>
↓	6	C.H. MA et al., "cDNA cloning and expression of a novel estrogen receptor beta-subtype in goldfish (Carassius auratus)," Biochim. Biophys. Acta, Vol. 1490, pp. 145-52 (2000)	<input type="checkbox"/>
↓	7	F. PAKDEL et al., "Full-length sequence and in vitro expression of rainbow trout estrogen receptor cDNA," Mol. & Cell Endocrinol., Vol. 71, pp. 195-204 (1990)	<input type="checkbox"/>
↓	8	International Search Report, dated November 2, 2005, from the International Searching Authority of the PCT in counterpart International Application No. PCT/JP02/07404 (3 pages).	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10501227
Filing Date	2005-03-07
First Named Inventor	Koichi Saito
Art Unit	1647
Examiner Name	Shulamith H. Shafer
Attorney Docket Number	600630-21US

**EXAMINER SIGNATURE**

Examiner Signature	Shulamith H. Shafer	<small>Digitally signed by Shulamith H. Shafer DN: cn=Shulamith H. Shafer, o=USPTO, ou=AU 1647, email=shafer@uspto.gov Date: 2007.04.13 11:46:25 -0400</small>	Date Considered	04/13/2007
--------------------	---------------------	--	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.